

Chemical Properties of the Soils

Henry County, Alabama

(Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
AbB:								
Albany-----	0-48	---	2.0-4.0	3.6-6.5	0	0	0	0
	48-62	---	3.0-5.0	4.5-6.0	0	0	0	0
BmA:								
Bigbee-----	0-11	---	---	4.5-6.0	---	---	0	---
	11-65	---	---	4.5-6.0	---	---	0	---
Muckalee-----	0-6	---	---	5.1-7.3	---	---	0	---
	6-72	---	---	5.6-8.4	---	---	0	---
BnB:								
Bonifay-----	0-54	2.0-6.0	---	4.5-6.5	0	0	0.0-2.0	0
	54-73	3.0-20	---	4.5-6.5	0	0	0.0-2.0	0
BoA:								
Bonneau-----	0-23	---	1.0-4.0	4.5-6.0	0	0	0	0
	23-68	---	2.0-6.0	4.5-5.5	0	0	0	0
CaA:								
Clarendon-----	0-10	1.0-4.0	---	4.5-6.5	0	0	0	0
	10-26	---	2.0-5.0	4.5-5.5	0	0	0	0
	26-62	---	2.0-5.0	4.5-5.5	0	0	0	0
CoB2:								
Conecuh-----	0-4	---	---	3.6-5.5	0	0	0	0
	4-54	---	---	3.6-5.5	0	0	0	0
	54-72	---	---	---	0	0	---	0
CoD2:								
Conecuh-----	0-4	---	---	3.6-5.5	0	0	0	0
	4-54	---	---	3.6-5.5	0	0	0	0
	54-72	---	---	---	0	0	---	0
DAM:								
Dam-----	---	---	---	---	---	---	---	---
DoA:								
Dothan-----	0-9	---	---	4.5-6.0	---	---	0	---
	9-32	---	---	4.5-6.0	---	---	0	---
	32-80	---	---	4.5-6.0	---	---	0	---
DoB:								
Dothan-----	0-9	---	---	4.5-6.0	---	---	0	---
	9-32	---	---	4.5-6.0	---	---	0	---
	32-80	---	---	4.5-6.0	---	---	0	---
DuB:								
Dothan-----	0-9	---	---	4.5-6.0	---	---	0	---
	9-32	---	---	4.5-6.0	---	---	0	---
	32-80	---	---	4.5-6.0	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	---	---

Chemical Properties of the Soils (cont.)

Henry County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
FaB2:								
Faceville-----	0-4	---	2.0-4.0	4.5-5.5	0	0	0	0
	4-9	---	3.0-4.0	4.5-5.5	0	0	0	0
	9-65	---	2.0-6.0	4.5-6.0	0	0	0	0
FnD2:								
Faceville-----	0-4	---	2.0-4.0	4.5-5.5	0	0	0	0
	4-9	---	3.0-4.0	4.5-5.5	0	0	0	0
	9-65	---	2.0-6.0	4.5-6.0	0	0	0	0
Nankin-----	0-9	---	1.0-3.5	4.5-5.5	0	0	0	0
	9-54	---	4.5-5.5	4.5-5.5	0	0	0	0
	54-65	---	2.0-3.5	4.5-5.5	0	0	0	0
FuB:								
Fuquay-----	0-32	---	---	4.5-6.0	0	0	0	0
	32-41	---	---	4.5-6.0	0	0	0	0
	41-65	---	---	4.5-6.0	0	0	0	0
GoA:								
Goldsboro-----	0-8	---	---	3.5-5.5	0	0	0	0
	8-19	---	---	3.5-5.5	0	0	0	0
	19-65	---	---	3.5-5.5	0	0	0	0
GrA:								
Greenville-----	0-5	---	4.0-10	4.5-6.0	0	0	0	0
	5-72	---	4.0-12	4.5-6.0	0	0	0	0
GrB:								
Greenville-----	0-5	---	4.0-10	4.5-6.0	0	0	0	0
	5-72	---	4.0-12	4.5-6.0	0	0	0	0
KoB:								
Kolomoki-----	0-13	---	---	4.5-6.5	---	---	0	---
	13-35	---	---	4.5-6.0	---	---	0	---
	35-48	---	---	4.5-6.0	---	---	0	---
	48-64	---	---	4.5-6.0	---	---	0	---
LbB:								
Lucy-----	0-25	---	---	5.1-6.0	---	---	0	---
	25-35	---	---	4.5-5.5	---	---	0	---
	35-65	---	---	4.5-5.5	---	---	0	---
LnD:								
Lucy-----	0-25	---	---	5.1-6.0	---	---	0	---
	25-35	---	---	4.5-5.5	---	---	0	---
	35-65	---	---	4.5-5.5	---	---	0	---
Nankin-----	0-9	---	1.0-3.5	4.5-5.5	0	0	0	0
	9-54	---	4.5-5.5	4.5-5.5	0	0	0	0
	54-65	---	2.0-3.5	4.5-5.5	0	0	0	0
LnE:								
Lucy-----	0-25	---	---	5.1-6.0	---	---	0	---
	25-35	---	---	4.5-5.5	---	---	0	---
	35-65	---	---	4.5-5.5	---	---	0	---
Nankin-----	0-9	---	1.0-3.5	4.5-5.5	0	0	0	0
	9-54	---	4.5-5.5	4.5-5.5	0	0	0	0
	54-65	---	2.0-3.5	4.5-5.5	0	0	0	0
MaA:								
Mantachie-----	0-8	---	---	4.5-5.5	---	---	0	---
	8-64	---	---	4.5-5.5	---	---	0	---

Chemical Properties of the Soils (cont.)

Henry County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
MgA:								
Meggett-----	0-13	---	---	4.5-6.5	---	---	0	---
	13-23	---	---	5.1-8.4	---	---	0	---
	23-48	---	---	6.1-8.4	---	---	0	---
	48-63	---	---	6.1-8.4	---	---	0	---
MuA:								
Muckalee-----	0-6	---	---	5.1-7.3	---	---	0	---
	6-72	---	---	5.6-8.4	---	---	0	---
NaB2:								
Nankin-----	0-4	---	1.5-3.0	4.5-5.5	0	0	0	0
	4-47	---	4.5-5.5	4.5-5.5	0	0	0	0
	47-65	---	2.0-3.5	4.5-5.5	0	0	0	0
NaD2:								
Nankin-----	0-4	---	1.5-3.0	4.5-5.5	0	0	0	0
	4-47	---	4.5-5.5	4.5-5.5	0	0	0	0
	47-65	---	2.0-3.5	4.5-5.5	0	0	0	0
NcE:								
Nankin-----	0-9	---	1.0-3.5	4.5-5.5	0	0	0	0
	9-54	---	4.5-5.5	4.5-5.5	0	0	0	0
	54-65	---	2.0-3.5	4.5-5.5	0	0	0	0
Conecuh-----	0-5	---	---	3.6-5.5	0	0	0	0
	5-31	---	---	3.6-5.5	0	0	0	0
	31-65	---	---	---	0	0	---	0
NnE:								
Nankin-----	0-9	---	1.0-3.5	4.5-5.5	0	0	0	0
	9-17	---	2.0-5.5	4.5-5.5	0	0	0	0
	17-54	---	4.5-5.5	4.5-5.5	0	0	0	0
	54-65	---	2.0-3.5	4.5-5.5	0	0	0	0
Lucy-----	0-25	---	---	5.1-6.0	---	---	0	---
	25-35	---	---	4.5-5.5	---	---	0	---
	35-65	---	---	4.5-5.5	---	---	0	---
NoA:								
Norfolk-----	0-10	---	1.0-3.0	3.6-6.0	0	0	0	0
	10-35	---	2.0-4.0	3.6-5.5	0	0	0	0
	35-62	---	2.0-5.0	3.6-5.5	0	0	0	0
NoB:								
Norfolk-----	0-10	---	1.0-3.0	3.6-6.0	0	0	0	0
	10-35	---	2.0-4.0	3.6-5.5	0	0	0	0
	35-62	---	2.0-5.0	3.6-5.5	0	0	0	0
OrA:								
Orangeburg-----	0-10	---	1.0-2.0	4.5-6.0	0	0	0	0
	10-20	---	2.5-4.0	4.5-5.5	0	0	0	0
	20-60	---	2.0-3.0	4.5-5.5	0	0	0	0
OrB:								
Orangeburg-----	0-10	---	1.0-2.0	4.5-6.0	0	0	0	0
	10-20	---	2.5-4.0	4.5-5.5	0	0	0	0
	20-60	---	2.0-3.0	4.5-5.5	0	0	0	0
OuC:								
Orangeburg-----	0-10	---	1.0-2.0	4.5-6.0	0	0	0	0
	10-20	---	2.5-4.0	4.5-5.5	0	0	0	0
	20-60	---	2.0-3.0	4.5-5.5	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	---	---

Chemical Properties of the Soils (cont.)

Henry County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
PaA:								
Paxville-----	0-10	---	5.0-9.0	3.6-6.5	0	0	0	0
	10-56	---	2.0-6.0	3.6-5.5	0	0	0	0
	56-65	---	1.0-2.0	3.6-5.5	0	0	0	0
Pb:								
Pits, borrow-----	0-60	---	---	---	---	---	---	---
Pm:								
Pits, Mines-----	0-60	---	---	---	---	---	---	---
RbA:								
Red Bay-----	0-7	---	---	4.5-6.0	---	---	0	---
	7-13	---	---	4.5-6.0	---	---	0	---
	13-45	---	---	4.5-5.5	---	---	0	---
	45-65	---	---	4.5-5.5	---	---	0	---
RbB:								
Red Bay-----	0-7	---	---	4.5-6.0	---	---	0	---
	7-13	---	---	4.5-6.0	---	---	0	---
	13-45	---	---	4.5-5.5	---	---	0	---
	45-65	---	---	4.5-5.5	---	---	0	---
RvB:								
Riverview-----	0-6	3.0-12	---	4.5-6.5	0	0	0	0
	6-72	---	4.0-10	4.5-6.0	0	0	0	0
TrB:								
Troup-----	0-44	---	---	4.5-6.0	---	---	0	---
	44-65	---	---	4.5-5.5	---	---	0	---
TrD:								
Troup-----	0-44	---	---	4.5-6.0	---	---	0	---
	44-65	---	---	4.5-5.5	---	---	0	---
TsE:								
Troup-----	0-44	---	---	4.5-6.0	---	---	0	---
	44-65	---	---	4.5-5.5	---	---	0	---
Nankin-----	0-9	---	1.0-3.5	4.5-5.5	0	0	0	0
	9-54	---	4.5-5.5	4.5-5.5	0	0	0	0
	54-65	---	2.0-3.5	4.5-5.5	0	0	0	0
TuB2:								
Tumbleton-----	0-4	---	---	4.5-6.5	0	0	0	0
	4-10	---	---	3.6-5.5	0	0	0	0
	10-49	---	---	3.6-5.5	0	0	0	0
	49-56	---	---	3.6-5.5	0	0	0	0
	56-72	---	---	3.6-5.5	0	0	0	0
TyD:								
Tumbleton-----	0-4	---	---	4.5-6.5	0	0	0	0
	4-10	---	---	3.6-5.5	0	0	0	0
	10-49	---	---	3.6-5.5	0	0	0	0
	49-56	---	---	3.6-5.5	0	0	0	0
	56-72	---	---	3.6-5.5	0	0	0	0
Fuquay-----	0-32	---	---	4.5-6.0	0	0	0	0
	32-41	---	---	4.5-6.0	0	0	0	0
	41-65	---	---	4.5-6.0	0	0	0	0

Chemical Properties of the Soils (cont.)

Henry County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
YMA:								
Yonges-----	0-14	1.0-3.0	---	5.1-7.8	---	---	0	---
	14-53	3.0-8.0	---	5.1-8.4	---	---	0	---
	53-72	3.0-8.0	---	6.1-8.4	---	---	0	---
Muckalee-----	0-6	---	---	5.1-7.3	---	---	0	---
	6-72	---	---	5.6-8.4	---	---	0	---